



## TRANSMITTAL LETTER

In re Application of: Bruce Harmon *et al.*  
Serial No.: 09/637,984  
Filed: August 11, 2000  
Entitled: **METHOD AND APPARATUS FOR MODELING USING A HARDWARE-SOFTWARE CO-  
VERIFICATION ENVIRONMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed please find these documents for filing with the U.S. Patent and Trademark Office:

		<u>Filing Fee</u>
1.	<u>X</u> Response to the Notice of Missing Parts	\$130.00
2.	<u>X</u> Petition To File Declaration Without The Inventor's Signature Under 37 CFR § 1.47(a)	\$130.00
3.	<u>X</u> Declaration of Thomas B. Haverstock (including Exhibits 1-5)	
4.	<u>X</u> Extension of Time to file a Response to the Notice of Missing Parts within a third month	\$890.00
5.	<u>X</u> Assignment (three pages), including Form PTO-1595	\$40.00
6.	<u>X</u> Combined Declaration And Power of Attorney (four pages)	
<b>TOTAL: \$1190.00</b>		
7.	<u>X</u> A check in the amount of <u>\$1190.00</u> (\$130.00 for the Petition to file Declaration Without Inventor's Signature; \$130.00 for a surcharge to file a response to the Notice To File Missing Parts fee; \$890.00 for a Three Month Extension of Time fee plus \$40.00 for the Assignment Recordation Filing Fee) is attached.	
8.	<u>X</u> Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. <u>08-1275</u> . An originally executed duplicate of this transmittal is enclosed for this purpose.	

Dated: March 19, 2001

By: 

Thomas B. Haverstock  
Registration No.: 32,571

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on March 19, 2001.

Dated: March 19, 2001

By: 

Carleen O'Brien

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MAR 26 2001

OFFICE OF PETITIONS



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/637,984	08/11/2000	Bruce Harmon	SYNOPSYS-00701

Haverstock & Owens LLP  
Suite 420  
260 Sheridan Avenue  
Palo Alto, CA 94306

## FORMALITIES LETTER



\*OC000000005487865\*

Date Mailed: 10/19/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/23/2001 HVUONG1 00000074 09637984

01 FC:105

130.00 OP

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MAR 26 2001

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# 7

PATENT  
Attorney Docket No.: SYNOP-00701

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bruce Harmon et al. ) Group Art Unit: 2734  
Serial No.: 09/637,984 ) Examiner:  
Filed: August 11, 2000 ) **RESPONSE TO NOTICE TO FILE MISSING**  
For: **METHOD AND APPARATUS FOR** ) **PARTS OF APPLICATION**  
**MODELING USING A HARDWARE-** )  
**SOFTWARE CO-VERIFICATION** ) 260 Sheridan Avenue, Suite 420  
**ENVIRONMENT** ) Palo Alto, California 94306  
) (650) 833-0160

**Box Missing Part**Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application -- Filing Date Granted (Form PTO-1533) mailed October 19, 2000 (a copy of which is enclosed), applicants submit the executed combined Declaration and Power of Attorney (four pages) for filing with the U.S. Patent and Trademark Office. Also attached is a Petition to File the Declaration without the Inventor's Signature and Declaration of Thomas B. Haverstock.

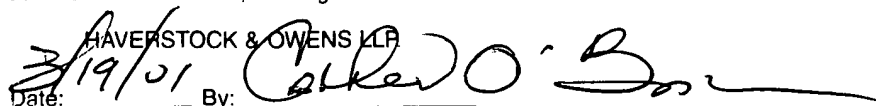
Respectfully submitted,  
HAVERSTOCK & OWENS LLPDated: 3-19-01By: Thomas B. Haverstock  
Reg. No.: 32,571  
Attorneys for Applicants**RECEIVED**

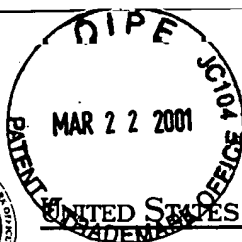
MAR 26 2001

**OFFICE OF PETITIONS**

## CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington D.C. 20231

  
Date: 3/19/01 By: THOMAS B. HAVERSTOCK



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/637,984	08/11/2000	2763	1008	SYNOPSIS-00701	3	29	5

Haverstock & Owens LLP  
Suite 420  
260 Sheridan Avenue  
Palo Alto, CA 94306

## FILING RECEIPT



\*OC000000005487864\*

Date Mailed: 10/19/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

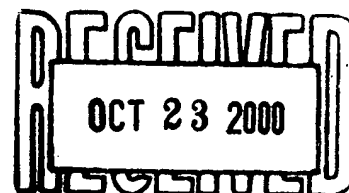
Bruce Harmon, Portland, OR ;  
Michael Butts, Portland, OR ;  
Gordon Battaile, Beaverton, OR ;  
Kevin Heilman, Sherwood, OR ;  
Levent Caglar, Fremont, CA ;  
Raju Marchala, Palo Alto, CA ;  
Larry Carner, Beaverton, OR ;  
Kamal Varma, Portland, OR ;

## Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/148,822 08/13/1999

## Foreign Applications

If Required, Foreign Filing License Granted 09/26/2000



## Title

Method and apparatus for modeling using a hardware-software co-verification environment

## Preliminary Class

703

EXHIBIT 2

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Data entry by : LIEN, LUI

Team : OIPE

Dat : 10/19/2000



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231